Docket No.: 066821-0276 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Reed, John C., et al. Customer No.: 41552 Appl. No. : 10/782,627 Confirmation No.: 5834

CERTIFICATE OF ELECTRONIC TRANSMISSION Filed : February 18, 2004

Title : NOVEL BAG PROTEINS AND I hereby certify that this correspondence is being electronicallytransmitted to the United States Patent and Trademark Office on Oct NUCLEIC ACID MOLECULES

16, 2007, ENCODING THEM

/Lori Ford/

Grp./A.U.: 1643

Examiner: : Rawlings, Stephen L.

RESPONSE TO OFFICE ACTION

Lori Ford

Mail Stop Amendment Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed April 16, 2007, entry of the following amendments and consideration of the following remarks is respectfully requested.

Amendments to the specification begin on page 2.

Amendments to the claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks begin on page 8 of this paper.